AMCC 405GP PowerPC

Document Issue 1.00 September 2004

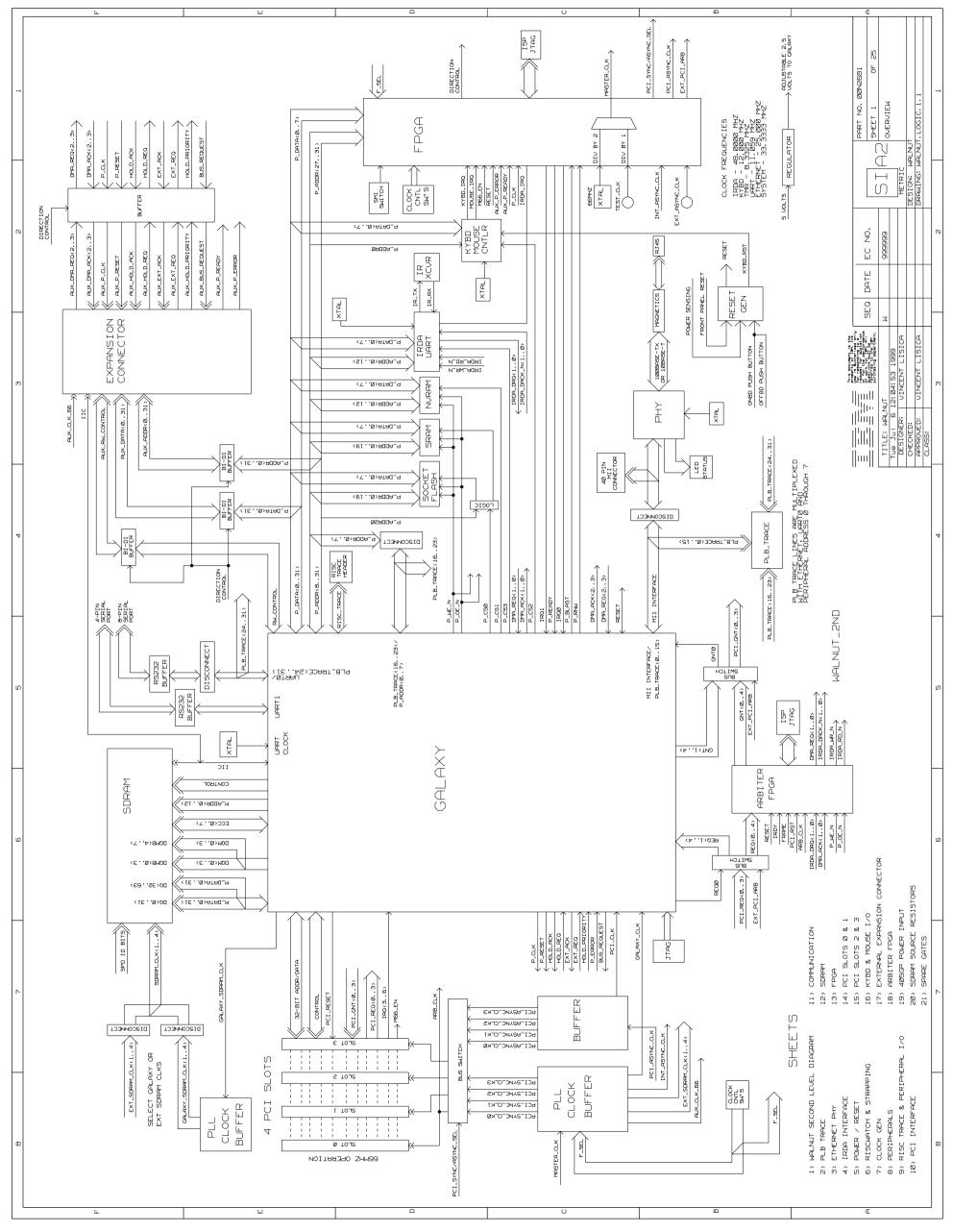
PPC405GP Embedded Processor Schematic



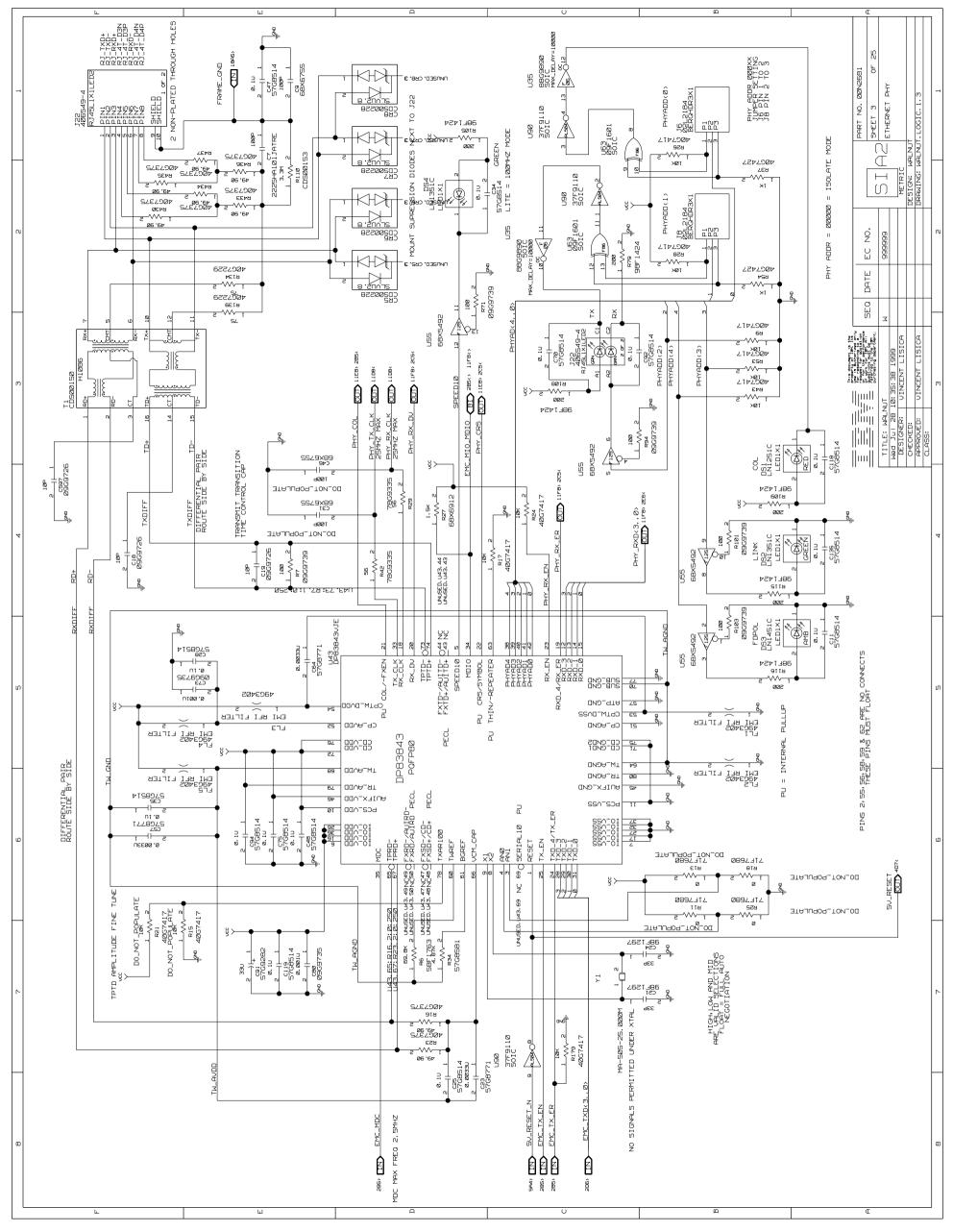
AMCC reserves the right to make changes to its products, its datasheets, or related documentation, without notice and warrants its products solely pursuant to its terms and conditions of sale, only to substantially comply with the latest available datasheet. Please consult AMCC's Term and Conditions of Sale for its warranties and other terms, conditions and limitations. AMCC may discontinue any semiconductor product or service without notice, and advises its customers to obtain the latest version of relevant information to verify, before placing orders, that the information is current. AMCC does not assume any liability arising out of the application or use of any product or circuit described herein, neither does it convey any license under its patent rights nor the rights of others. AMCC reserves the right to ship devices of higher grade in place of those of lower grade.

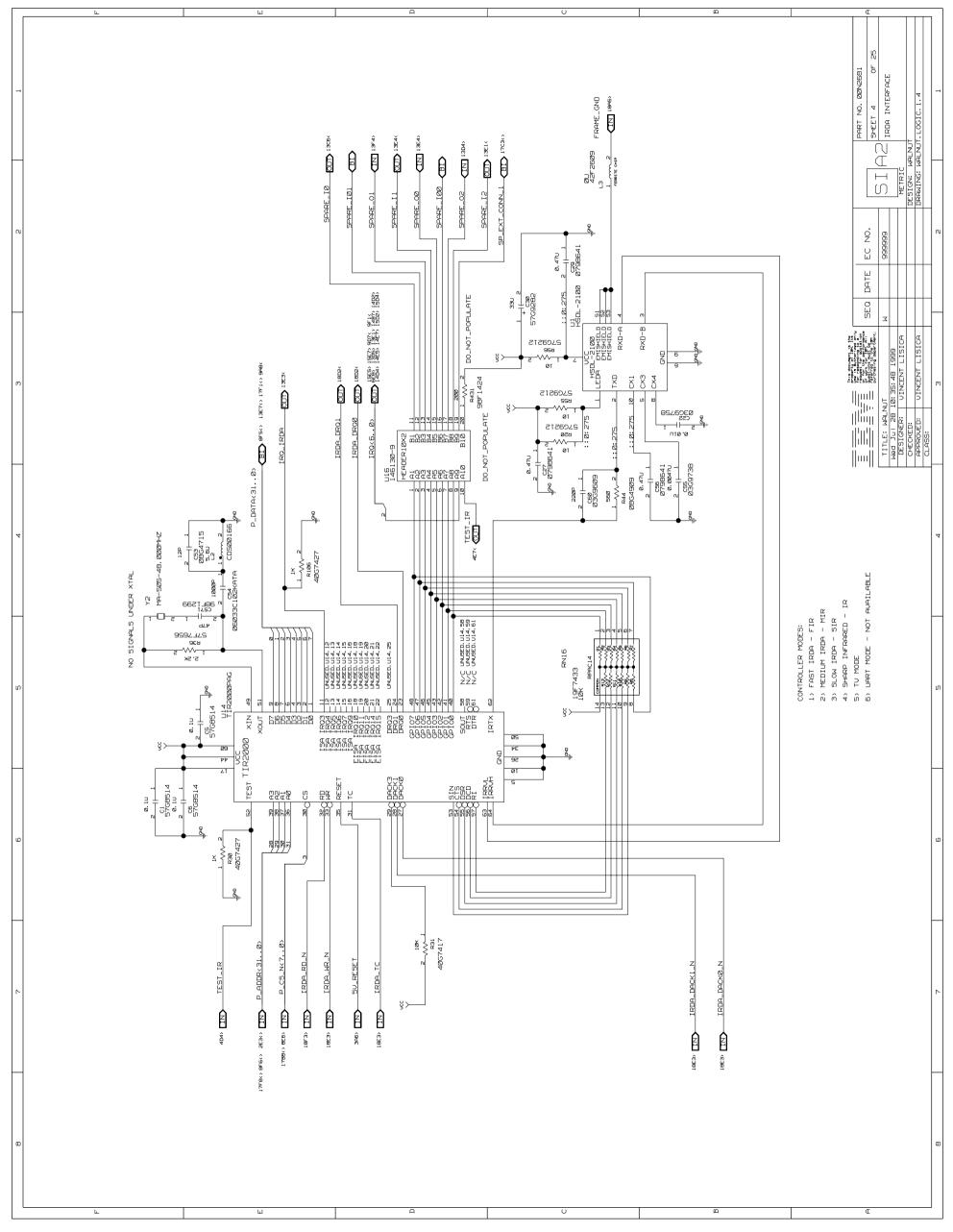
AMCC SEMICONDUCTOR PRODUCTS ARE NOT DESIGNED, INTENDED, AUTHORIZED, OR WARRANTED TO BE SUITABLE FOR USE IN LIFE-SUPPORT APPLICATIONS, DEVICES OR SYSTEMS OR OTHER CRITICAL APPLICATIONS.

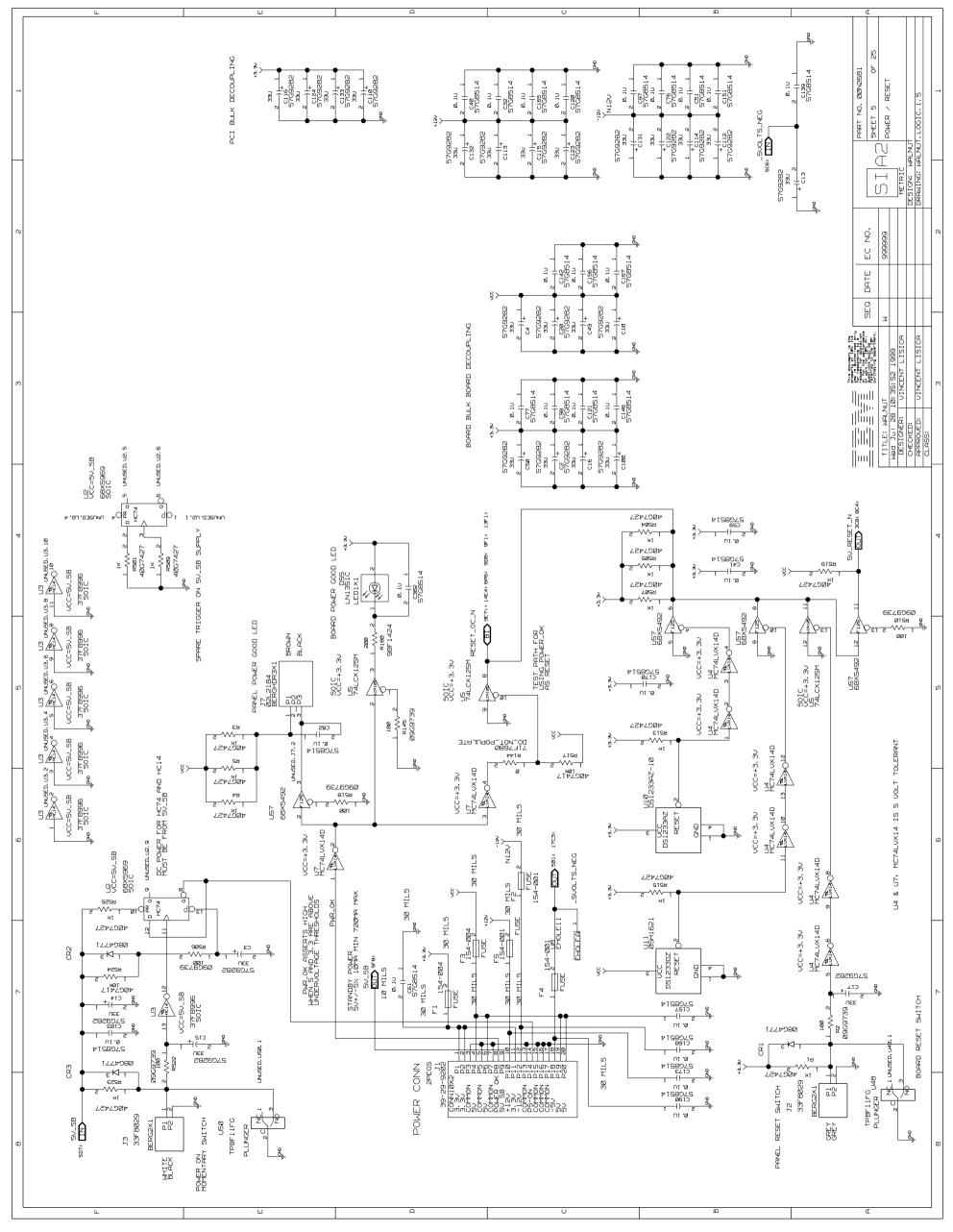
AMCC is a registered Trademark of Applied Micro Circuits Corporation. Copyright © 2004 Applied Micro Circuits Corporation.

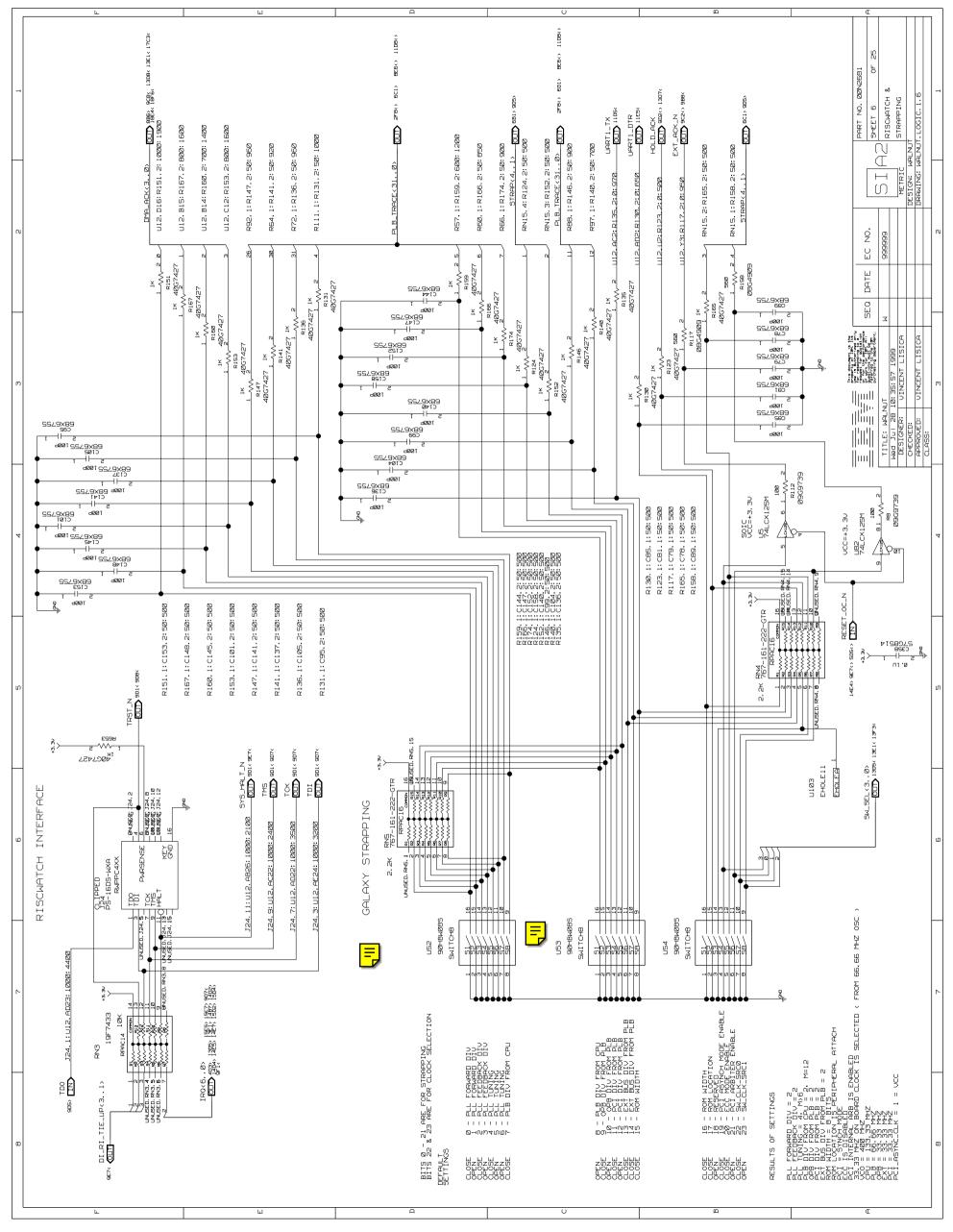


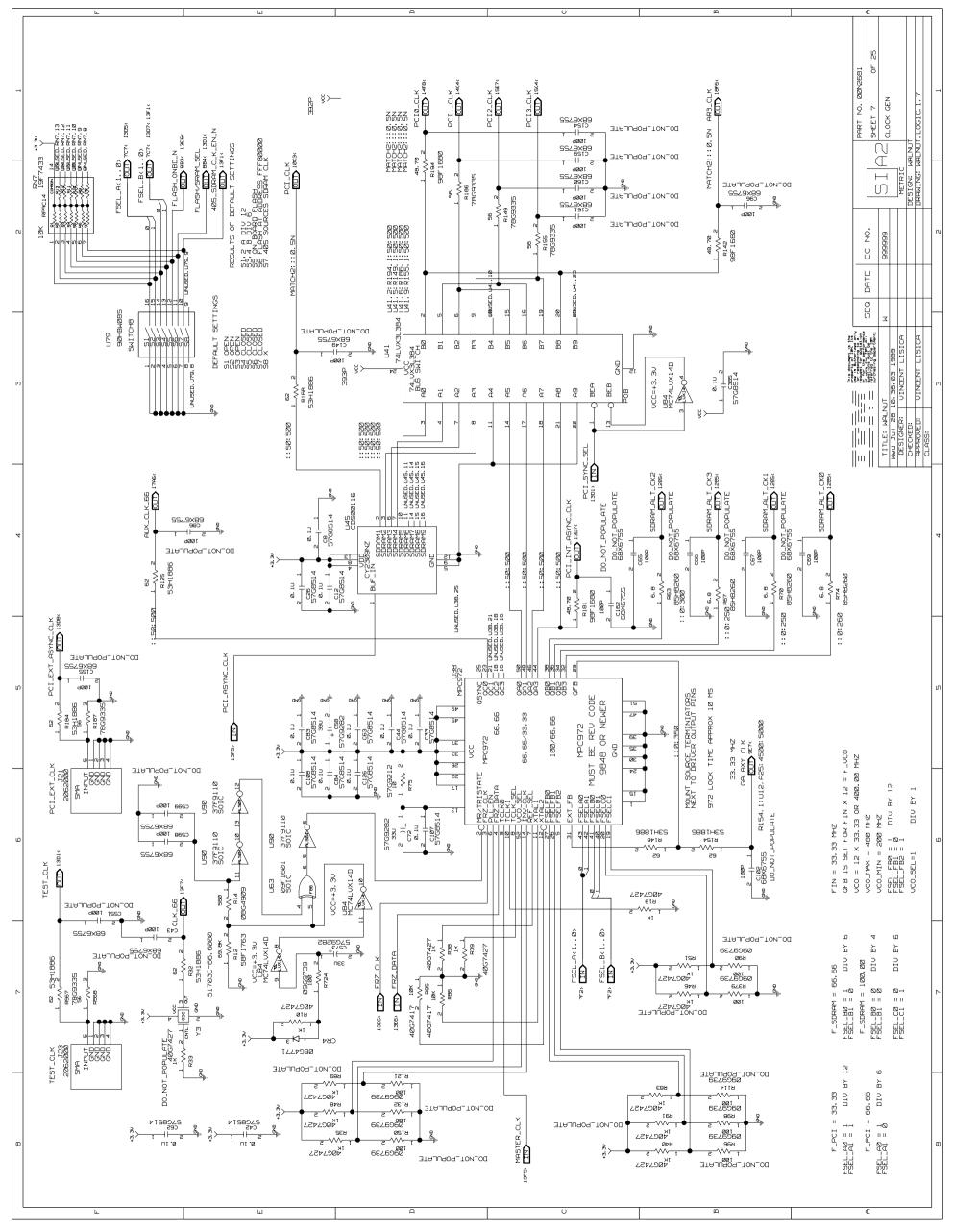
			-	
	~	4	ی ا	8
	SEQ DATE EC NO. $SIM = \frac{PART NO. 20N2681}{SI + 2 OF 25}$		2 5	
				_
			8453 T 00 T 00 T 00 S 455 T 00	
	1	8: R72	1 M 2 EMC_MIO_MDIO CETS 30344 Rei 71F7668	7: R61. 1: Ø:
	1 посе 1 — /// 2 — ЦАТТЕ_DTR_N1184 В В 7117-7580	10: RG		R119. 1: Ø:
		12: R5		11: R113. 1: Ø:
	UARTØ_DSR_N	14:R5		1: 0:
		16: R4	EMC_TX_ER OUT 3084	1: 0:
	7167680 1	18: R9	7167680 1	17: R82. 1: Ø:
	UARTØ_RX	20: R8		R78. 1: Ø:
		52:	PHY_RX_ER	21: R73. 1: Ø:
		24: R7	7167688 7 1	ö
	71,7680	26: RG		25: R60. 1: 0:
		28: RG		27: R57, 1: Ø:
		3Ø: R5	306(1) 2010 308(29: R111. 1: Ø:
	767580	32: R5		31: R95. 1: Ø:
		34: R4	7157630 2 1	33: R87. 1: Ø:
		10. 36: R4	7157680 1 1	35: R81. 1: Ø:
	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	38: R7	m	37: R68. 1: Ø:
	P_ADDR(312)6660 17780.427 9966 13234		PHY_RXD(3. B)	
	L			2. X23: J18, 23: J18, 230 2. X23: J18, 31: 10401: 2000 2. AA23: J18, 33: 10402: 2000 2. AA24: J18, 33: 10402: 2000 2. AD26: J18, 37: 10402: 2000
Interview 1 5 5 1 1 Interview 1 3 3 3 3 Interview 1 3 3 3 3				есь
	L		- 110 2-767004-2	MAX FREO 100 MHZ R334.2:J10.5:1000:3700
5 4 6 5				U H
		4		ω

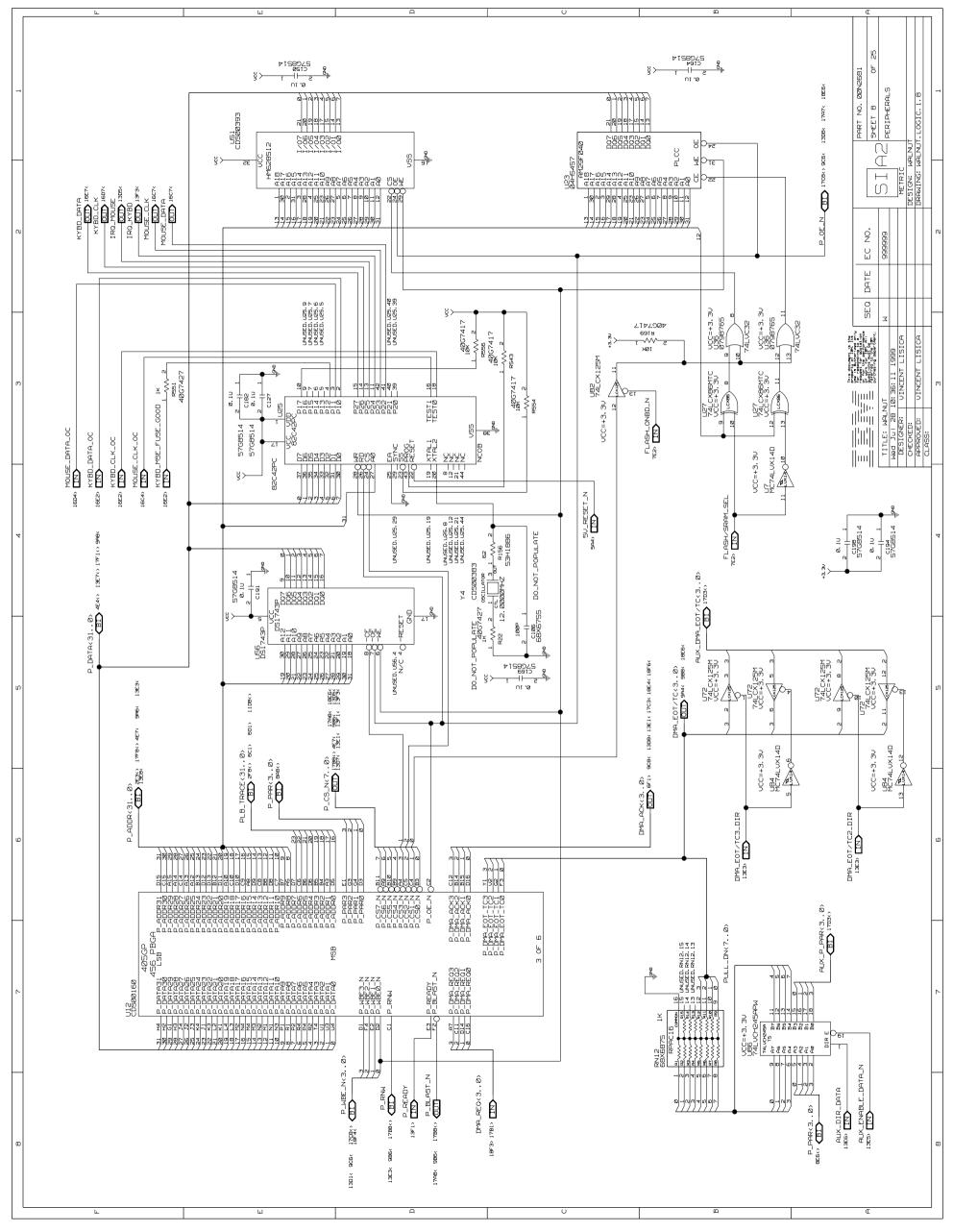


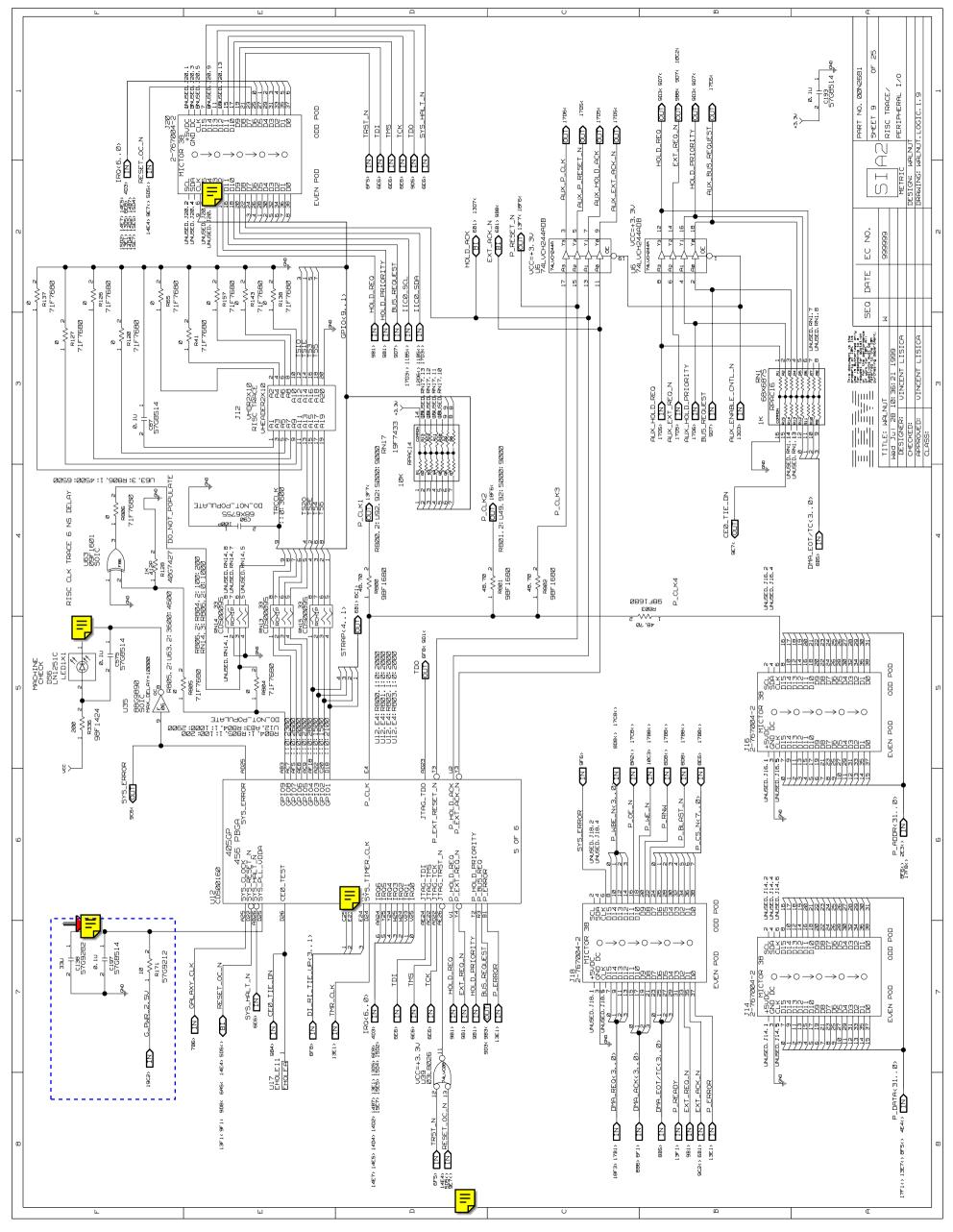


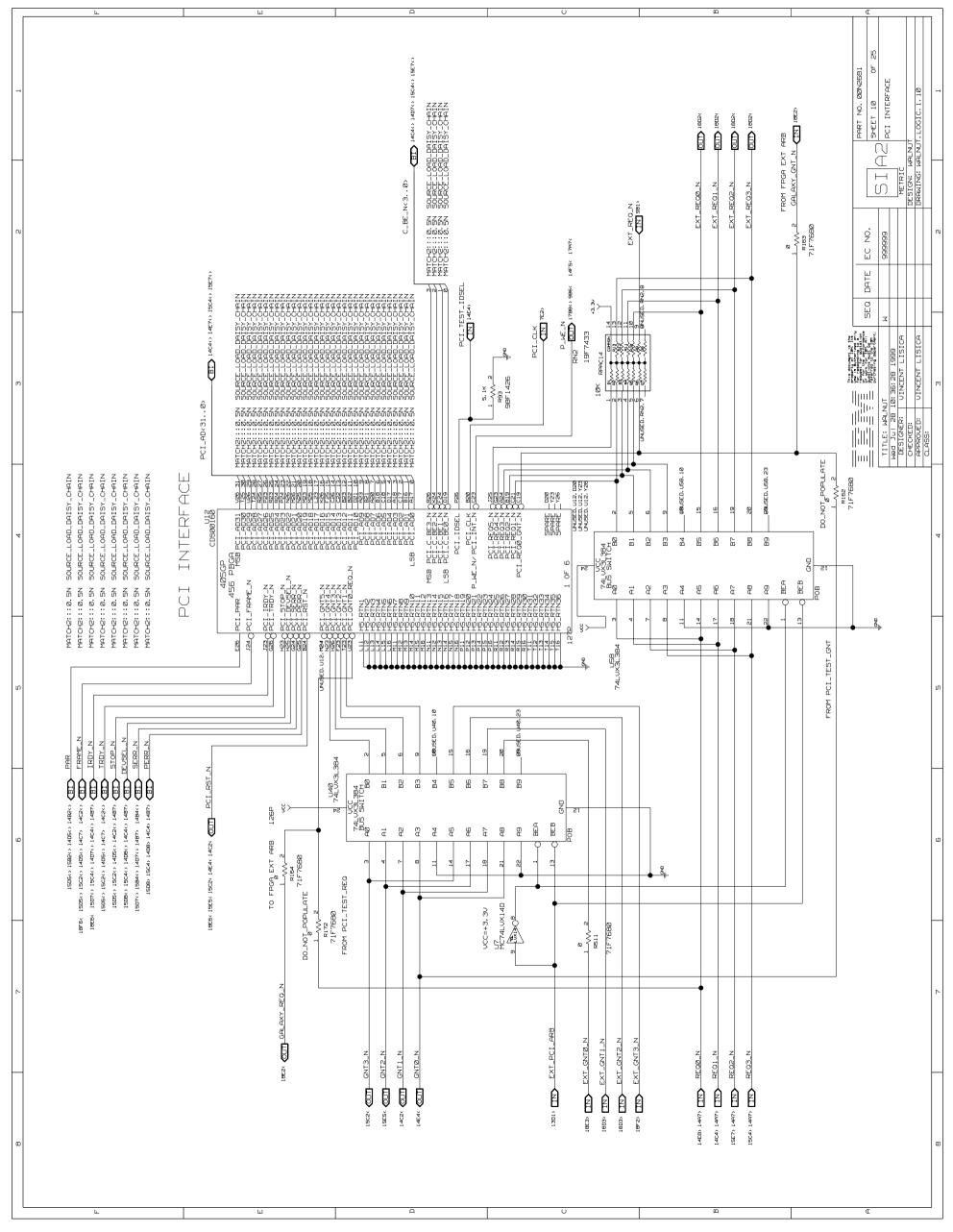


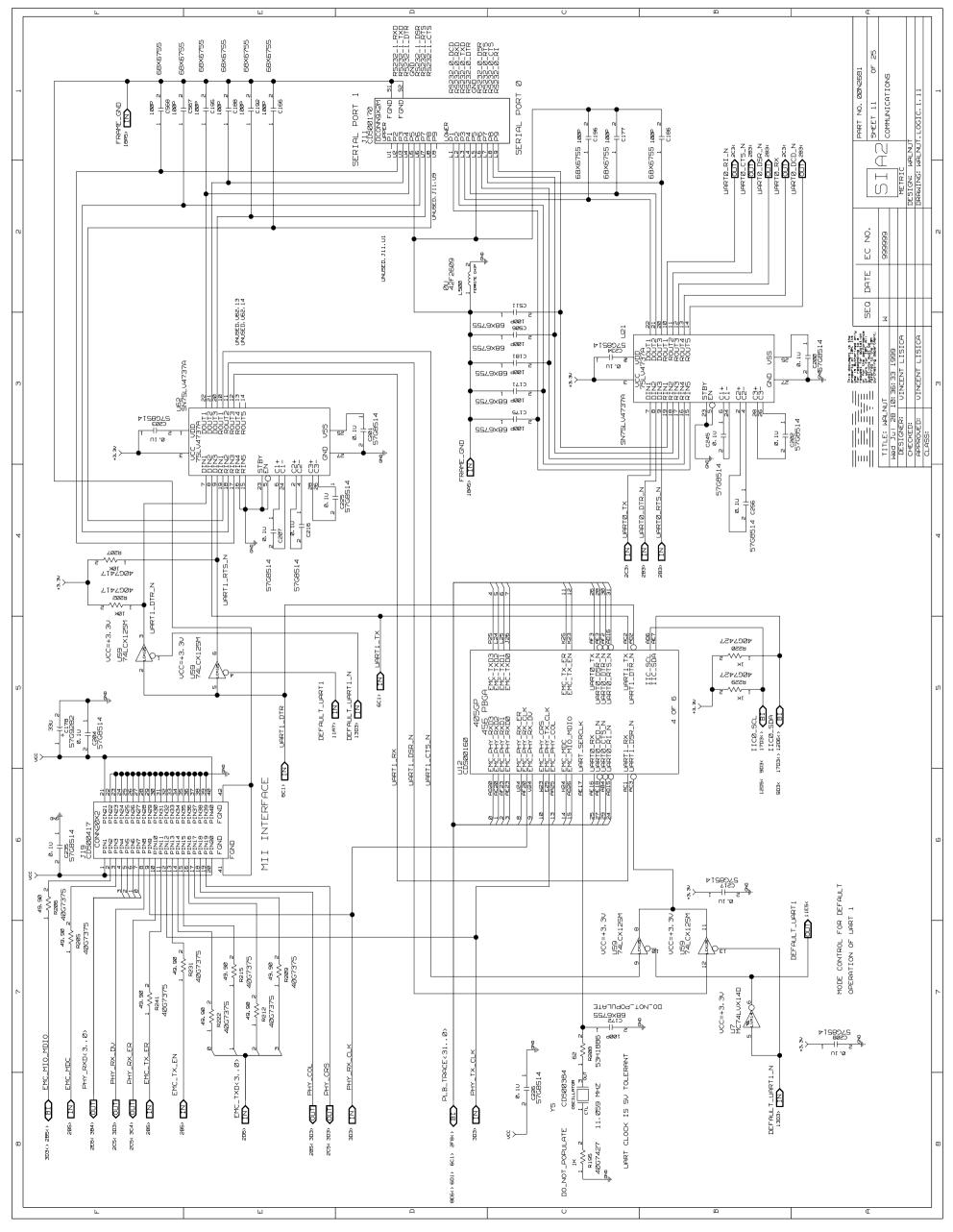


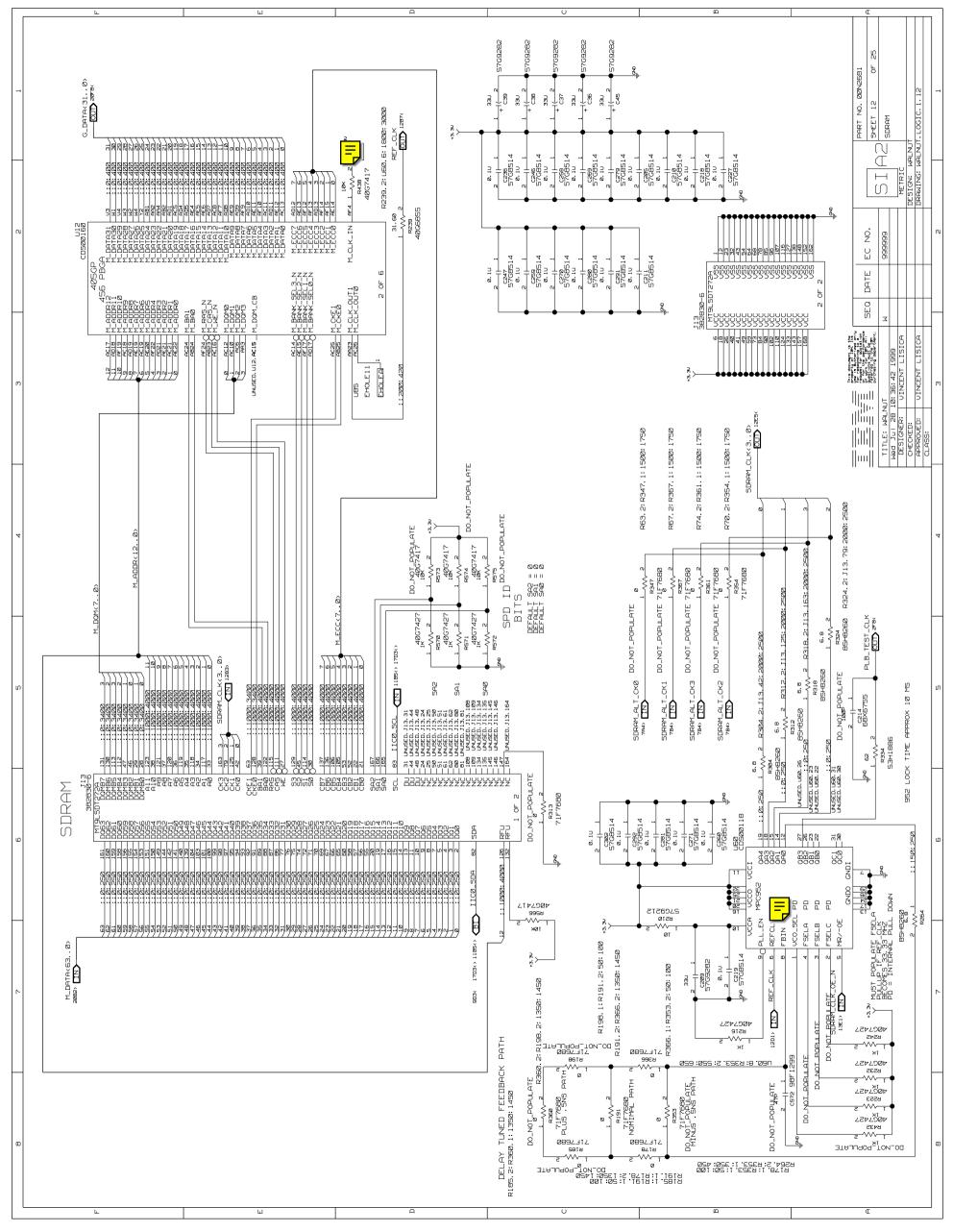


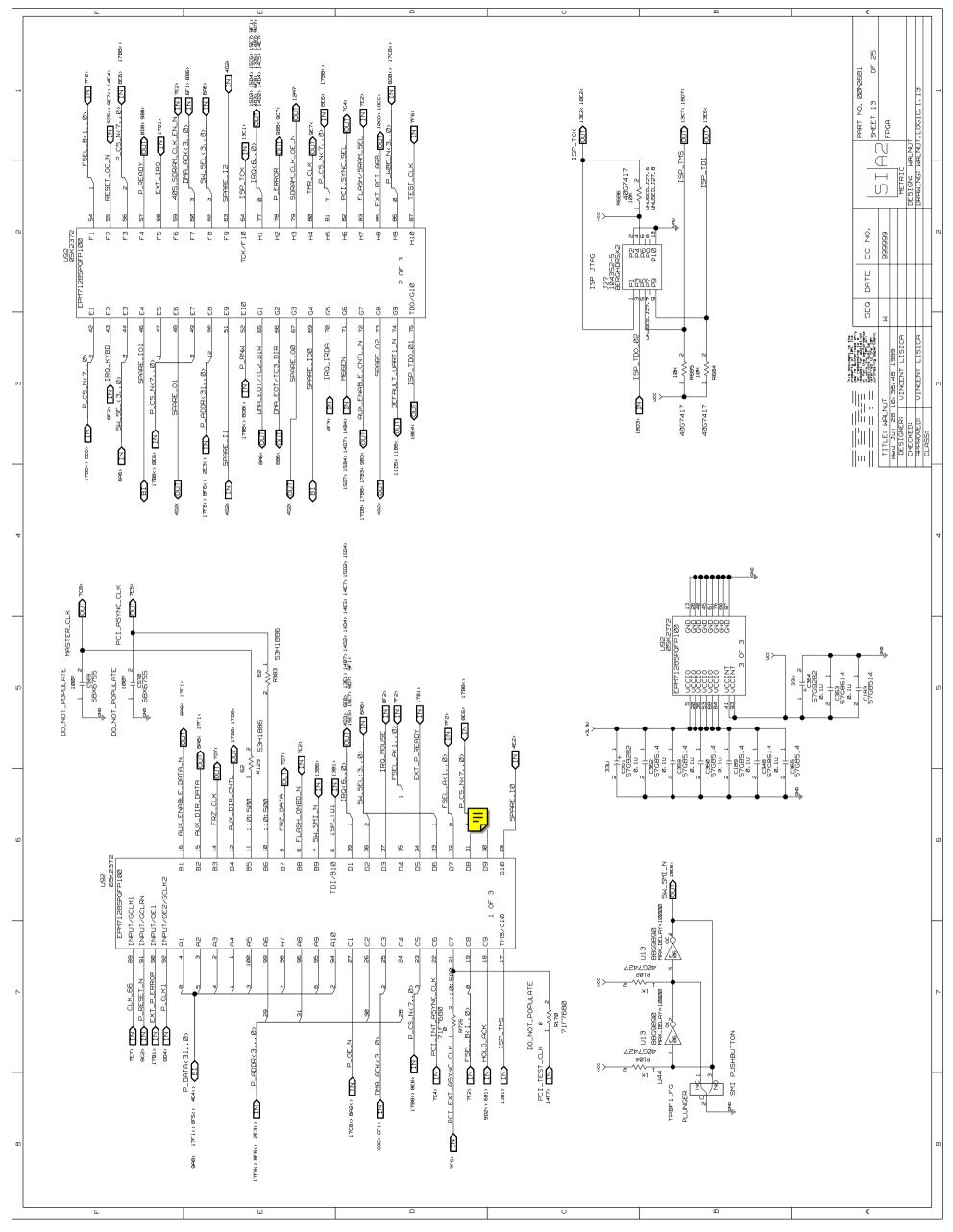


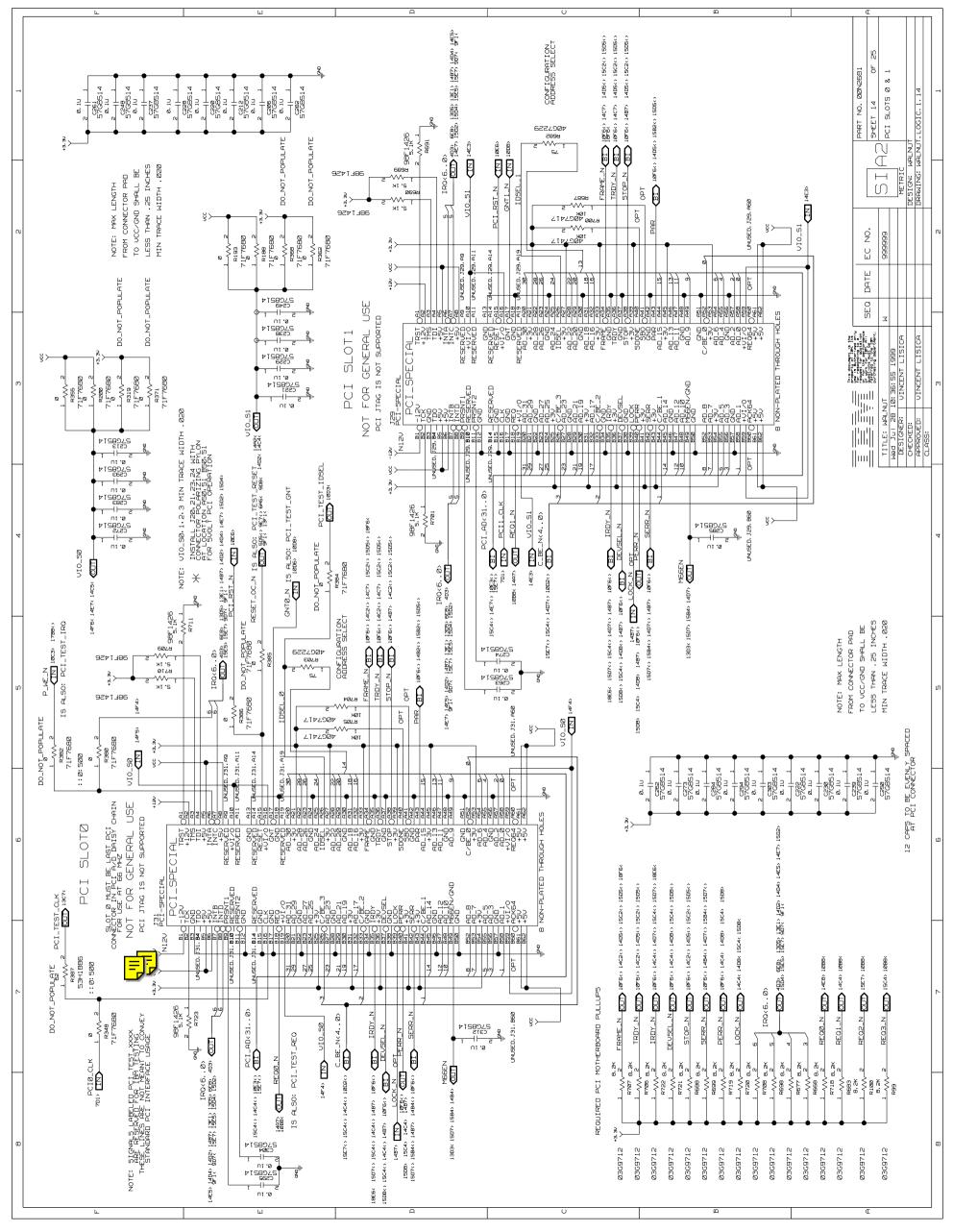


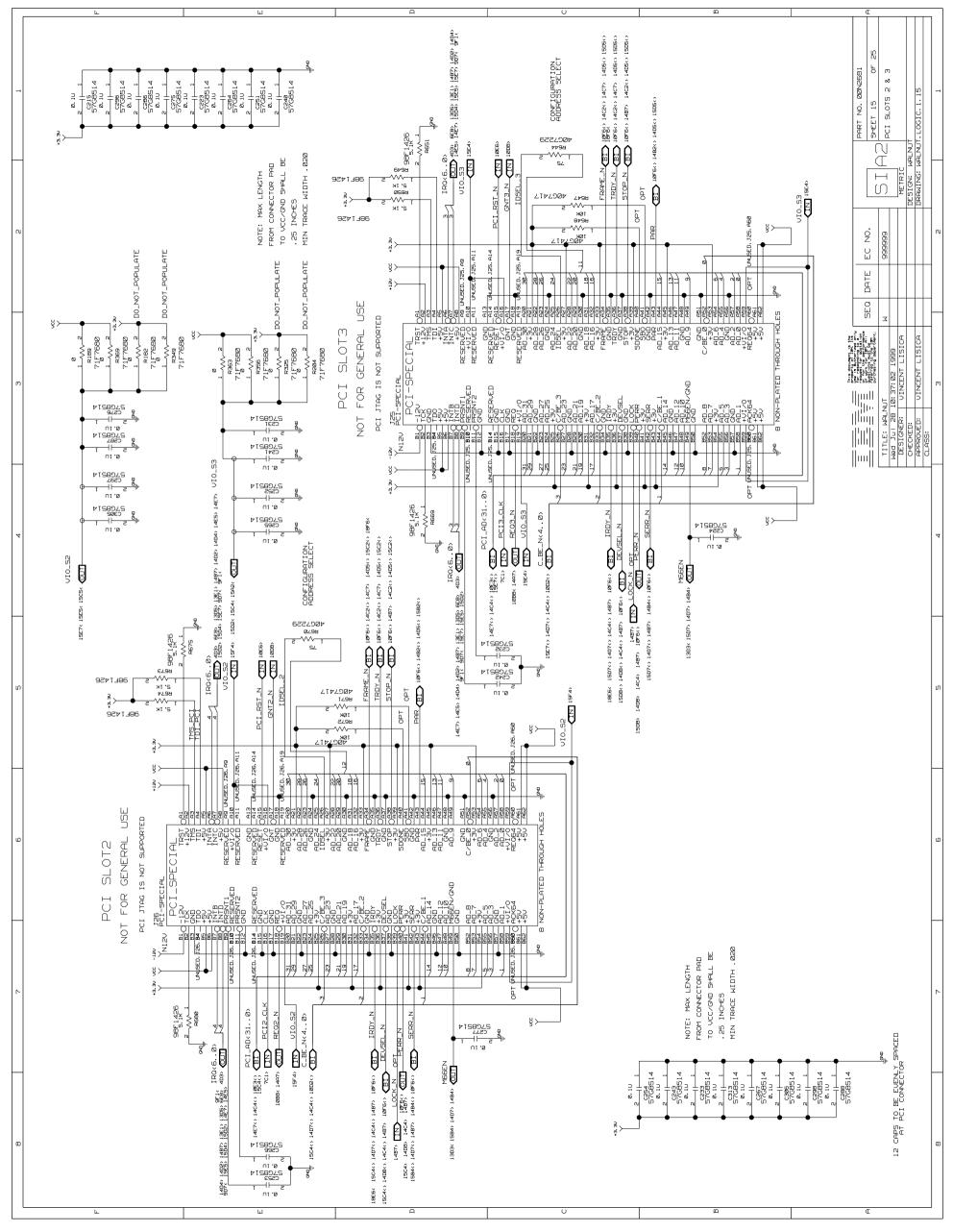


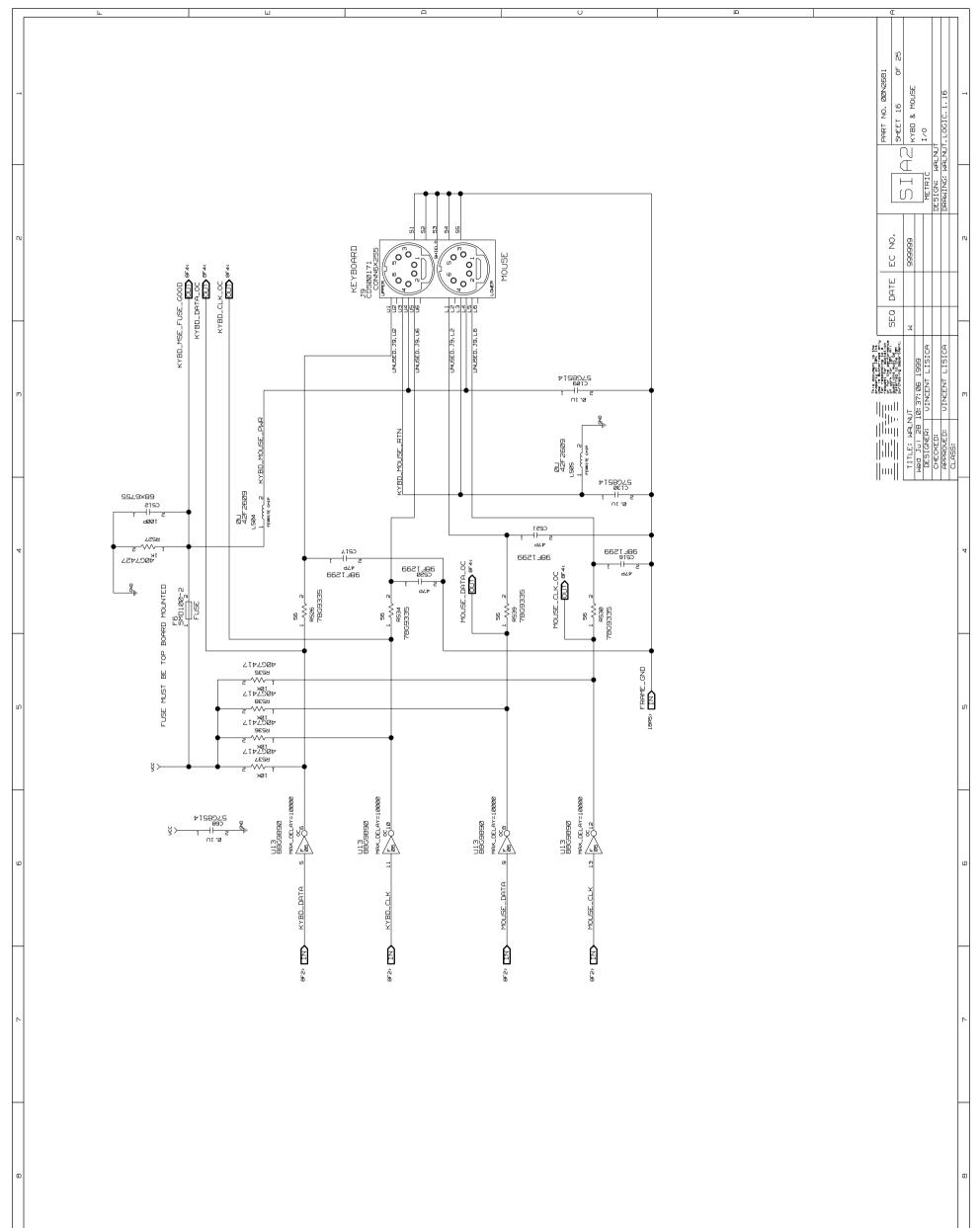


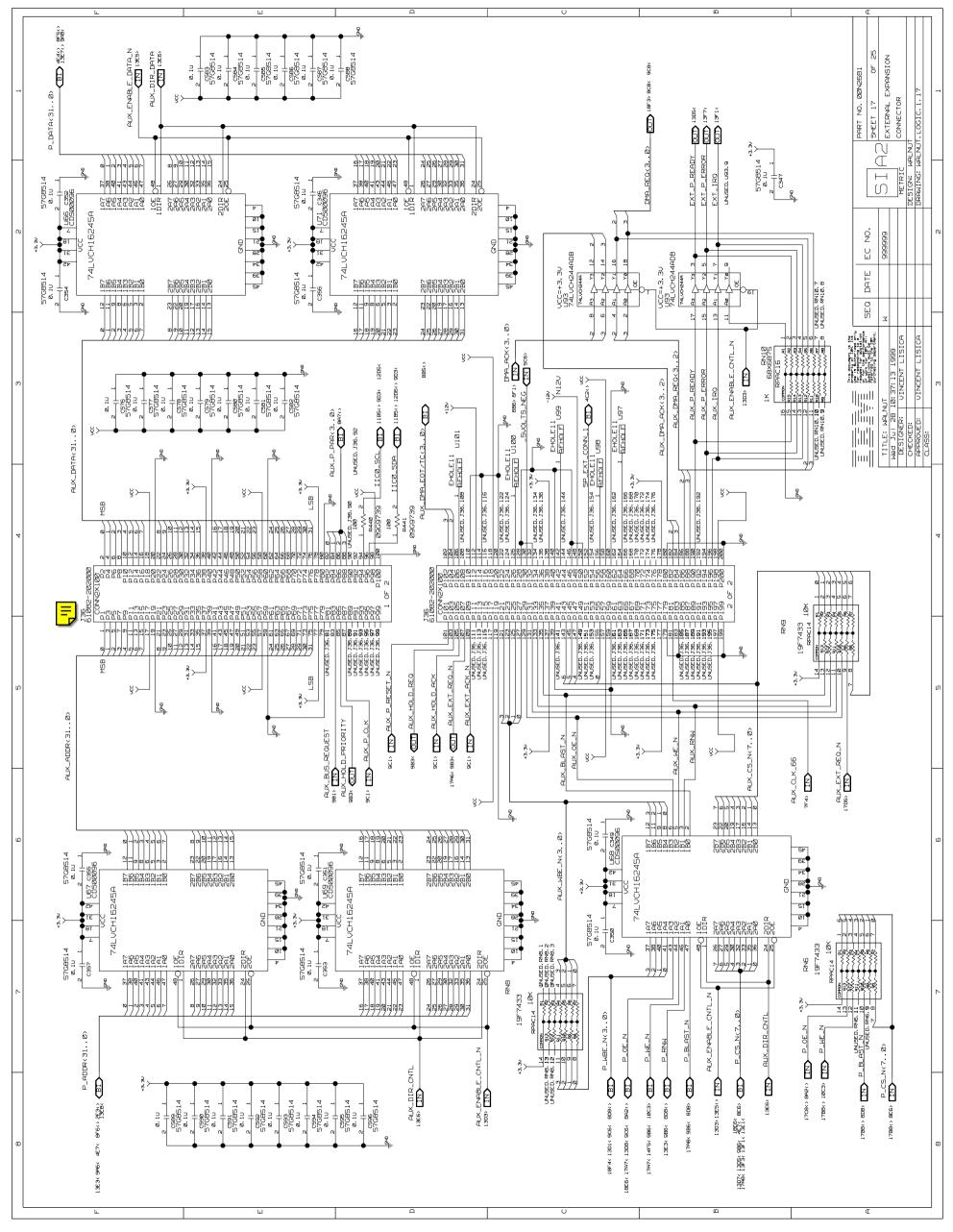


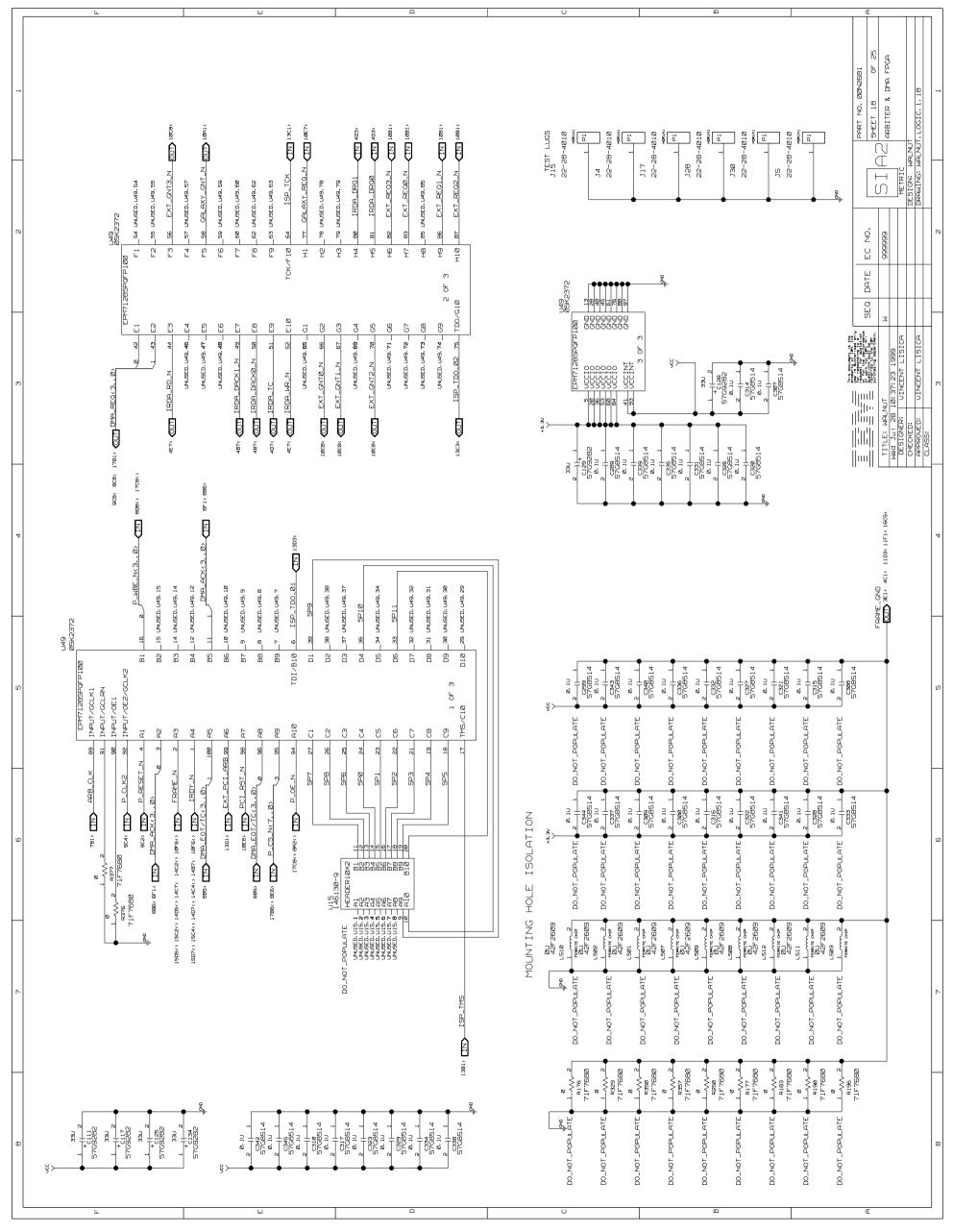


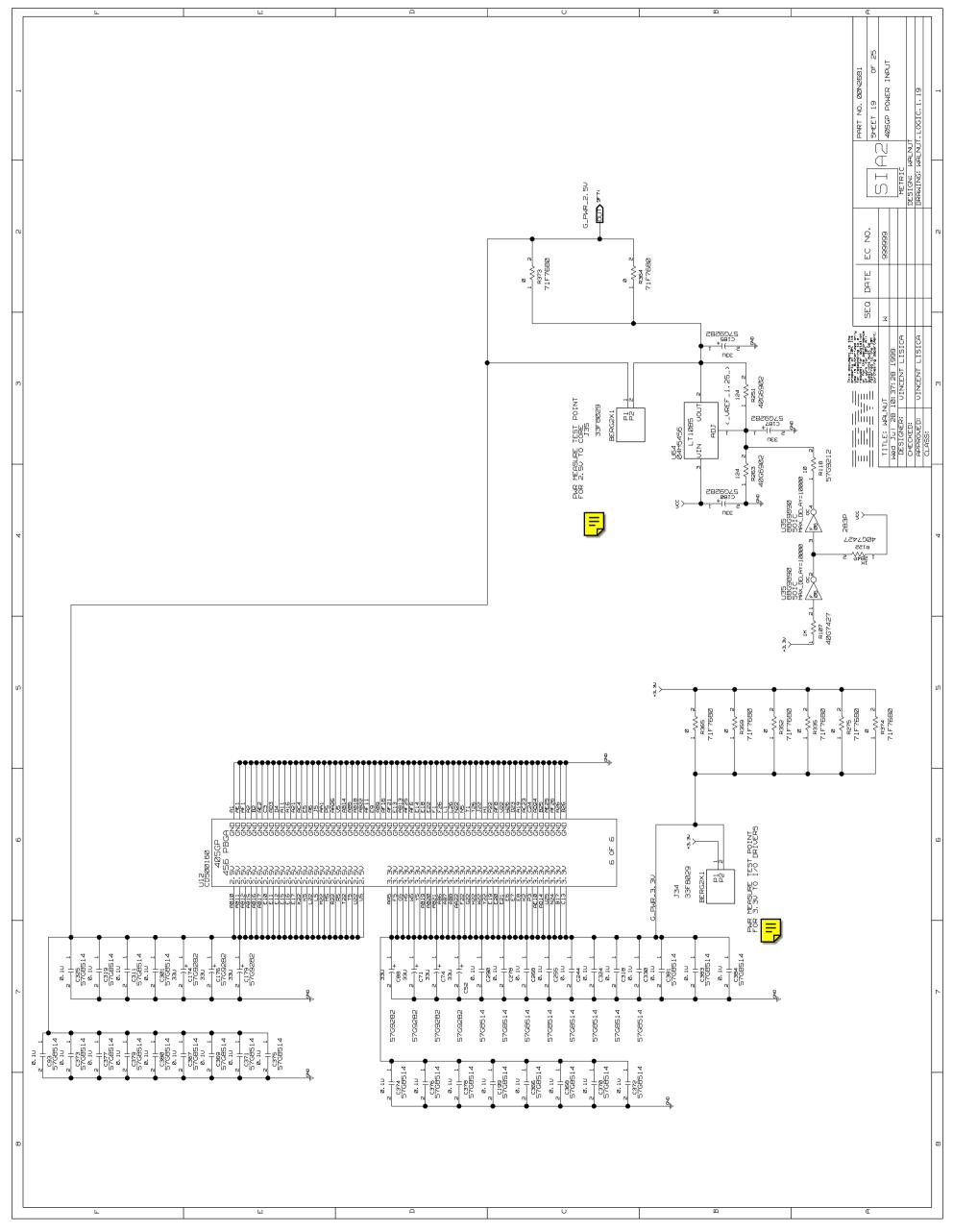




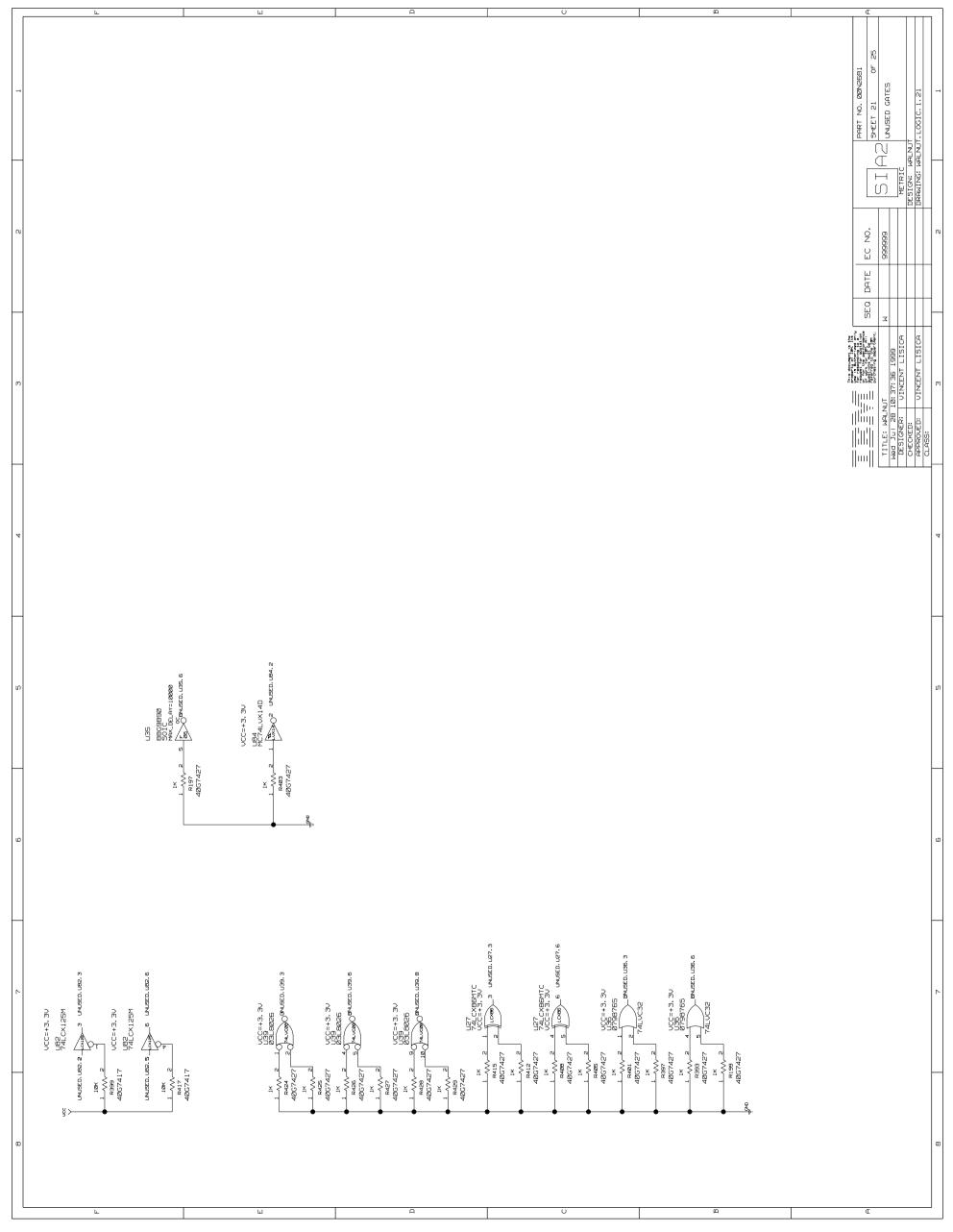








		B PART NO. ØØN2681 SERRA SDRAM SDRAM SDRAM SCURCE RESISTORS . LOGIC. 1.20
	R214. 2: R273. 1: 3500: 4000 R214. 2: R273. 1: 3500: 4000 R218. 2: R294. 1: 3500: 4000 R235. 2: R303. 1: 3500: 4000 R246. 2: R303. 1: 3500: 4000 R258. 2: R228. 1: 3500: 4000 R263. 2: R269. 1: 3500: 4000 R295. 2: R262. 1: 3500: 4000	
0 24.90 26 0 1 24.90 2 0 200,043 2 2 0 200,043 2 2 0 200,043 2 2 0 200,043 2 2 0 200,043 2 2 0 200,043 2 1 0 2 2 3 2 0 2 2 3 2 3 1 1 2 3 2 3 2 0 2 2 2 2 3 2 3 1 1 2 2 3<	0 0	
	R296. 2: R243. 1: 3500: 4000 R296. 2: R253. 1: 3500: 4000 R307. 2: R265. 1: 3500: 4000 R317. 2: R277. 1: 3500: 4000 R230. 2: R296. 1: 3500: 4000 R240. 2: R296. 1: 3500: 4000 R260. 2: R321. 1: 3500: 4000 R272. 2: R329. 1: 3500: 4000	<u> </u>
16 24.98 32 16 1 24.98 32 17 1 22 24 17 1 22 23 12 23 23 24 12 1 24 33 12 25 23 24 11 1 26 23 11 1 26 23 11 1 26 23 11 1 26 23 11 1 26 23 11 1 26 26 12 26 26 26 26 1 26 26 26 1 26 26 26 1 26 26 26 1 26 26 26 1 26 26 26 26 26 26 26 26 26 26	21 24.1 M	
	R214. 2: R322. 1: 3500: 4250 R218. 2: R330. 1: 3500: 4250 R235. 2: R337. 1: 3500: 4000 R235. 2: R255. 1: 3500: 4100 R246. 2: R250. 1: 3500: 4100 R258. 2: R290. 1: 3500: 4100 R263. 2: R314. 1: 3500: 4000 R295. 2: R314. 1: 3500: 4000 R295. 2: R313. 1: 3500: 4100	
MITERN(310) (12,4.90 (22,4.90) (22,4.90 (22,4.90)	0 1	
	R284. 2: R381. 1: 3500: 4000 R296. 2: R315. 1: 3500: 4000 R307. 2: R326. 1: 3500: 4000 R317. 2: R329. 1: 3500: 4000 R230. 2: R339. 1: 3500: 4000 R230. 2: R344. 1: 3500: 4000 R252. 2: R344. 1: 3500: 4000 R250. 2: R281. 1: 3500: 4000 R272. 2: R345. 1: 3500: 4000 R272. 2: R395. 1: 3500: 4000	
LE 1 0 2 16 LE 1 0 2 16 RE21 7 16 7680 LT 1 0 2 17 7 16 7680 LE 1 0 2 19 7 16 7680 LE 1 0 2 19 20 1 0 2 19 20 1 0 2 19 7 16 7680 20 1 0 2 19 7 16 7680 20 1 0 2 19 7 16 7680 20 1 0 2 10 7 16 7680 20 1 0 2 10 7 16 7680 20 1 0 2 10 20 2 20 20 20 20 20 20 20 20	22 1. 7. 15 680 22 1. 7. 15 7680 23 1. 7. 15 7680 24 1. 7. 15 7680 24 1. 7. 15 7680 24 1. 7. 15 7680 24 1. 7. 75 80 25 1. 7. 75 80 28 1. 7. 75 80 7. 15 7680 28 1. 7. 75 80 28 1. 7. 75 80 7. 15 7680 28 1. 7. 75 80 28 1. 7. 75 80 7. 15 7680 7. 15 7680 7. 15 7680 7. 15 7680 7. 15 7680 7. 15 7680 28 1. 7. 72 7680 28 1. 7. 72 7680 7. 15 76800 7. 15 76800 7. 15 76800 7. 15 768000 7.	,
8 1 8 8 1 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	71/157680 72/157680 17/157680 17/157680 71/157680 17/157680 71/157680 17/157680 71/157680 17/157680 11/157680 11/157680 11/157680 11/157680 11/157680 11/157680 11/157680 11/157680 11/157680 11/157680 11/157680 11/157680 11/157680 11/157680 11/157680 11/157680 11/157680 11/157680 11/157680 11/157680 11/157680 11/157680 11/157680 11/157680 11/157680 11/157680 11/157680 11/157680 11/157680 11/157680 11/157680 11/157680 11/157680 11/157680 11/157680 11/157680	
G_DATA(31., Ø) Lærb TIV		



	DATE EC NO. 999999 PART NO. 201/2681 PART NO. 20
MASED 1014.12 455 MASED 1015.12 455 MASED 1015.12 455 MASED 1015 455 <td>Emiliaria Emiliaria Emiliaria Emiliaria Emiliaria Emiliaria Emiliaria</td>	Emiliaria Emiliaria Emiliaria Emiliaria
35) 15C2(1) 15C 15C 15C 35) 15C2(1) 15C 15C 15C 15C 15C 15C 15C 15C 15C 15C 15C 15C </td <td></td>	
SPARE_10 SPARE_110 SPARE_110 SPARE_100 SPARE_100 SPARE_100 SPARE_100 SPARE_100 SPARE_100 SPARE_100 SPARE_100 SPARE_100 SPARE_101 SPARE_101 SPARE_101 SPARE_101 SPARE_101 SPARE_102 SPARE_101 SPARE_102 SPARE_101 SPARE_101 SPARE_101 SPARE_102 SPARE_101 SPARE_102 SPARE_101 SPARE_102 SPARE_101 SPARE_102 SPARE_101 SPARE_101	ب ا
IPO (60) ADD (6.0) (4.0) (4.0) (4.0) (4.0) (4.0) IPO(0.0) (4.0) (4.	
*** 5]gan Constructure and 	

N

m

4

ហ

ω

ω

	L.		Ш	ſ		Ĺ)	щ	D	_
1							I		SI DESIGN: MELNUT DRAWING: CROSS REFERENCE METRIC DRAWING: CRECONT. LOGIC. 1.23	
V									DATE EC NO.	- ~
m									<u> <u> </u></u>	
4										4
n										ſ
۵										۵
		e K X X								2
	F UNDEDLUGS.11 772K UNDEDLUGS.11 772K UNDEDLUGS.12 772K UNDEDLUGS.12 772K UNDEDLUGS.12 772K UNDEDLUGS.13 772K UNDEDLUGS.13 1777K UNDEDLUGS.2 1777K UNDEDLUGS.2 1777K UNDEDLUGS.2 2177K UNDEDLUGS.2 2177K	UNLEED UB4. 2 UNLEED UB3. 9 VIO.59 VIO.52 VIO.52 -5V0.T5.NEG	ы		7	c	2	α	Œ	ω

